

Proposed
Findings Recommendations
Tahoe Basin Fire Commission

TRACKING NUMBER	PROPOSED FINDING (Description) <small>Pink = Submitted and pending in committee. Not recommended to Commission for adoption (in part or whole). Yellow = Recommended to Commission for adoption. Green = Commission action completed.</small>	DATE REC'VD	SUBMITTED BY	AFFILIATION	Responsible Committee	Committee Action: Adopted/Modified/No Action	Commission Action: Adopted/Modified/No Action	Notes
V-001	FUELS TREATMENT COORDINATION: A common method is needed to prioritize and coordinate fuels treatment work across ownership boundaries.	12/14/07	Wildland Fuels Committee	TBFC	WFC	A	A	Adopted w/modifications by WFC on 2/8/08. Adopted by Commission on 2/19/08.
V-002	CONTINUITY PLAN: A mechanism should be established to ensure that the Governor's approved recommendations from the Commission be implemented and maintained over time.	12/26/07	Allen Biaggi	NV-Dept of CNR	LFPC			
V-003	INADEQUATE FUNDING: Funding for forest health & fire suppression for Lake Tahoe Basin is insufficient and a long-term, stable source of funds is needed.	12/26/07	Allen Biaggi	NV-Dept of CNR	LFPC			Tabled until 3/6/08 for further discussion.
V-004	UNIQUE QUALITY: The unique quality of Lake Tahoe is dependent on protection from catastrophic wildfires.	12/29/07	Richard E. Adams	CA-State Parks	LFPC	A		Adopted by LFPC on 2/19/08, but referred to staff for combining with other F&Rs.
V-005	CONFLICTING LAWS & REGULATIONS: Numerous conflicting land management and environmental laws and regulations impede the ability to plan and implement forest fuels reduction projects in the Lake Tahoe Basin.	12/29/07	Richard E. Adams	CA-State Parks	WFC	M		Combined with V-109 by WFC on 2/19/08.
V-006	ECONOMIC FACTORS: The ability to manage forest fuels is impeded by economic factors unique to the Tahoe Basin.	12/29/07	Richard E. Adams	CA-State Parks	LFPC			
V-007	CATASTROPHIC FIRE: The risk of wildfire in the Tahoe Basin is extreme and the probability of catastrophic fire occurrence is increasing.	12/29/07	Richard E. Adams	CA-State Parks	WFC	A	A	Adopted w/modifications by WFC on 2/8/08. Adopted by Commission on 2/19/08.
V-008	PRESCRIBED FIRE: Prescribed fire must be promoted and increasingly employed in the Lake Tahoe Basin as a fuel reduction tool.	12/29/07	Richard E. Adams	CA-State Parks	WFC			Agendize for WFC on 3/6/08.
V-009	LEVEL OF PROTECTION: The level of wildland fire protection on California SRA in the Basin is below the basic 24/7 all-risk standard experienced elsewhere in California.	01/09/08	Jeff Michael	Tahoe Basin Chiefs	CFSC	M		Tentatively approved by CFSC on 2/19/08, but held for 3/6 for possible inclusion of additional fire protection issues (V-085, V-091)
V-010	PERMIT STREAMLINING: The existing system for getting permits to reduce fuel loads is often confusing, sometimes redundant and overly complex.	01/13/08	Mary Huggins	Permit Streamlining WG	CFSC	A	A	Analysed and edited by WFC on 1/15/08, and to be forwarded to CFSC for completion. Adopted w/modifications by CFSC on 2/8/08. Adopted by Commission on 2/19/08.
V-011	LEVEL OF PROTECTION #2: While the fire service has universally adopted the "closest forces" concept to insure the rapid initial attack of all wildfires, jurisdictional boundaries have prevented closest forces being utilized effectively in the Lake Tahoe Basin.	01/16/08	Pete Anderson	Nevada Division of Forestry	CFSC	A	A	Adopted w/modifications by CFSC on 2/8/08. Adopted by Commission on 2/19/08.
V-012	TEMPORARY ROADS: The utilization of temporary access roads for mechanized harvesting equipment in the Lake Tahoe Basin is critically necessary to reduce the risk of catastrophic wildfires, to protect lives, property and the unique environment of the Lake Tahoe Basin, and to improve the health of its forests.	01/16/08	Pete Anderson	Nevada Division of Forestry	WFC	A	A	Adopted w/modifications by WFC on 2/8/08. Adopted by Commission on 2/19/08.
V-013	EDUCATION: Residents and visitors to the Tahoe Basin need education but lack input on the content, style and character, of fire safety educational videos available to the public. A public-private approach is the best answer to a viable, efficient and consistent educational outreach effort.	01/18/08	Steven Kennedy	Vegetation Management Video Project Committee	CFSC	N	N	Commission notified of "no action" by CFSC on 2/8/08.
V-014	EDUCATION: A consistent, workable and unified fire safety video message needs to be researched, debated and identified, with input from fire professionals and other stakeholders in the Tahoe Basin.	01/18/08	Steven Kennedy	Vegetation Management Video Project Committee	CFSC	N	N	Commission notified of "no action" by CFSC on 2/8/08.
V-015	PROJECT MONITORING: The imposition of comprehensive project monitoring as a project condition upon individual contractors and agencies performing fire risk reduction projects reduces both project performance and the application of adaptive management science for the protection of the Tahoe Basin environment.	01/18/08	John Upton	Commissioner	WFC	A	A	Adopted w/modifications by WFC on 2/8/08. Adopted by Commission on 2/19/08.
V-016	FOREST MANAGEMENT: Forest thinning and the institution of healthy forest management and maintenance practices are essential to restoring health to Lake Tahoe's forests in order to protect against the hazards of catastrophic fires. Short-term solutions, coupled with long-term programs, must be accepted and implemented without delay in order to prevent long-term devastating impacts on the Lake and its residents that catastrophic wildfires would create.	01/18/08	Bud Hicks	Commissioner	LFPC	N	N	Finding incorporated into V-032 and adopted by WFC on 2/8/08. Recommendations 2-4 transferred to LFPC on 2/8/08.

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V-017	DEFENSIBLE SPACE: The prescriptions for defensible space and the prescriptions for erosion control Best Management Practices (BMPs) have not been consistent in the past. These inconsistencies have led to confusion among homeowners trying to meet both objectives.	01/18/08	Mike Vollmer	Defensible Space / BMP Working Group	CFSC	M		Staff to combine with V-100 by 3/6/08.
V-018	TRPA ORDINANCES: Although TRPA ordinances and standards have been adopted in accordance with NEPA and /or CEQA standards, they have not been adopted with a view towards the mitigation of catastrophic fire risks. As a result, a number of requirements and standards have been imposed within the Tahoe Basin for environmental purposes but without consideration for fire hazards.	01/21/08	Bud Hicks	Commissioner	LFPC			
V-019	TRPA BOARD COMPOSITION: There is presently no requirement for experienced fire professionals to be represented on either the Governing Board or the Advisory Planning Commission of the TRPA. Absent such requirements, there is a need to make the TRPA and other regulatory agencies within the Tahoe Basin more responsive to public safety and the prevention of catastrophic fires within the Basin and to assure continued attention to these matters by the TRPA.	01/21/08	Bud Hicks	Commissioner	LFPC			
V-020	PROJECT FUNDING: The current system of funding proposed projects is structured in such a way as to discourage cooperative and collaborative decision making.	01/22/08	Dennis Crab	WFC Member	WFC			WFC sent to LFPC on 2/18/08.
V-021	The MAC plan established a ten year plan to address fire issues in the Tahoe Basin. It does not, however, establish clear priorities, largely due to funding concerns. It is axiomatic that the easiest project to fund is one that faces the least bureaucratic and regulatory hurdles and is ready to go.	01/22/08	Dennis Crab	WFC Member	WFC	A		Adopted by WFC on 2/19/08.
V-022	SEZs: The lack of clarity as to what constitutes a stream environment zone and the conflicting interpretations by the various agencies as to whether an area is a SEZ has led to confusion among property owners and contractors trying to clear stream environment zones of hazardous fuels materials and has therefore discouraged such activities	01/22/08	Bud Hicks	Commissioner	WFC	N	N	Replaced by V-060.
V-023	"LAHONTAN TIMBER WAIVER": The California Lahontan Regional Water Quality Control Board (Lahontan RWQCB) requirement for submittal of an Application for a Waiver of Discharge under its Timber Waiver for projects using hand crews creates additional project paperwork, additional time until project implementation, and restrictions that result in little, if any, environmental benefit.	01/22/08	Mary Huggins	Permit Streamlining WG	WFC	A		Incorporated into V-005/V-109.
V-024	"LACK OF COMPREHENSIVE AIR QUALITY INFORMATION": There is a lack of comprehensive air quality and meteorological information within the Lake Tahoe Basin to analyze air quality conditions to optimize burn windows for prescribed fire activities.	01/25/08	Air Quality Working Group	Air Quality Working Group	WFC	A	A	Adopted w/modifications by WFC on 2/8/08. Adopted by Commission on 2/19/08.
V-025	BURN DAYS: Atmospheric conditions and air quality determine the amount of burning that can be done on a given day.	01/25/08	Air Quality Working Group	Air Quality Working Group	WFC	A	A	Adopted w/modifications by WFC on 2/8/08. Adopted by Commission on 2/19/08.
V-026	"AIR QUALITY PUBLIC INFORMATION": There is no comprehensive public information for the Lake Tahoe Basin for Fuels Treatment, Prescribed Burning, Smoke Management, and Public Health.	01/25/08	Air Quality Working Group	Air Quality Working Group	WFC	A	A	Adopted w/modifications by WFC on 2/8/08. Adopted by Commission on 2/19/08.
V-027	Low emission fuel reduction techniques are part of the necessary tools needed to minimize health-based air quality issues and visibility impacts when reducing the fuel load.	01/25/08	Air Quality Working Group	Air Quality Working Group	WFC	A	A	Adopted w/modifications by WFC on 2/8/08. Adopted by Commission on 2/19/08.
V-028	"NEVADA BURN DAYS": Nevada does not regulate burn and no burn days, rather it is left to the land managers' discretion to ignite prescribed fires only when conditions are acceptable. This allows land managers greater flexibility to effectively and efficiently reduce forest fuels within their jurisdictions.	01/25/08	Nevada Air Quality Regulatory Agencies	Air Quality Working Group	WFC	A	A	Adopted w/modifications by WFC on 2/8/08. Adopted by Commission on 2/19/08.

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V-029	"BIOMASS": Woody biomass processing is an essential component of restoring healthy forest conditions, reducing the severity and intensity of future wildfires, lowering air & water pollution, and managing greenhouse gas reduction in the Tahoe Basin.	01/25/08	Biomass Working Group	Biomass Working Group	WFC	A	A	Adopted w/modifications by WFC on 2/8/08. Adopted by Commission on 2/19/08.
V-030	"EQUIPMENT IN SEZ'S": Many fuel reduction projects are located in SEZ's, and will require the use of mechanical methods in order to be performed.	01/25/08	John Upton	Commissioner	WFC	N	N	Replaced by V-060.
V-031	"WATER QUALITY 208 PLAN": The Lake Tahoe Water Quality 208 Plan as adopted in 1988 increases the cost and reduces the effectiveness of fuels treatments because machine operations in SEZ's are only allowed over "snow of sufficient depth to prevent disturbance of the soil beneath the snow."	01/25/08	John Upton	Commissioner	WFC			Agendize for WFC on 3/6/08.
V-032	"FUELS REDUCTION": Fuels reduction projects incorporating tree thinning and biomass removal are essential to restoring health to Lake Tahoe's forests and to protect against the hazards of catastrophic fires..	01/25/08	Steve Brink	California Forestry Association	WFC	A	A	Adopted w/modifications by WFC on 2/8/08. Adopted by Commission on 2/19/08.
V-033	HAZARDOUS FUELS ON STEEP SLOPES: Hazardous fuels exist on slopes greater than 30%. Technologies other than hand removal exist to treat these hazardous fuels.	01/25/08	Steve Brink	California Forestry Association	WFC			
V-034	MOU REVISIONS: The Memorandum of Understanding (MOU) between the USDA Forest Service (FS) and the Tahoe Regional Planning Agency (TRPA) creates unnecessary and unintended barriers to efficient planning and accomplishment of fuels management projects. Likewise the MOU between the FS and Lahontan Regional Water Quality Control Board (LRWQCB), while more recent than the TRPA MOU, may have sections that inadvertently impair efficient implementation of fuels reduction projects	01/25/08	Mike Lefevre	U.S. Forest Service	LFPC			
V-035	STEEP SLOPES: TRPA ordinance prohibits the use of heavy equipment on slopes greater than 30%. This regulation discourages fuel reduction work on steeper slopes by requiring the use of very expensive methods (helicopter), harvesting methods generally not readily available in the Basin (cable systems), or harvesting methods that are expensive, inefficient and not always capable of completely meeting fuel reduction goals (hand crews).	01/25/08	Christy Daugherty	CALFIRE	WFC	N		Replaced by V-109 on 2/18/08.
V-036	HAND THINNING: There is a need to reduce or eliminate permitting for hand crew work outside urban areas in California.	01/25/08	Lauri Kemper	Lahontan and TRPA	WFC	M		Incorporated into V-109 on 2/18/09.
V-037	REGULATORY COORDINATION: There is a need to improve Agency coordination and eliminate redundant regulatory roles .	01/25/08	Lauri Kemper	Permit Streamlining WG	WFC	N		Replaced by V-109 on 2/18/08.
V-038	PERMITS IN SENSITIVE LANDS: The existing system for getting permits to reduce fuels using equipment in sensitive habitats (e.g., stream environment zones and steep slopes) is often confusing, sometimes redundant and complex. This may discourage property owners and land managers from reducing fuels in these areas, and impose unnecessary costs and delays to removing trees and vegetation.	01/25/08	Lauri Kemper	Permit Streamlining WG	WFC	N		Replaced by V-109 on 2/18/08. Recommendation #1 sent to LFPC for consideration.
V-039	INCORPORATE LESSONS LEARNED: Project results and research efforts related to the environmental impacts and project effectiveness associated with fuel reduction projects are not systematically compiled and stored for easy use and readily accessible. The opportunity to incorporate "lessons learned" is frequently missed.	01/25/08	Lauri Kemper	Permit Streamlining WG	WFC	N		Replaced by V-109 on 2/18/08.
V-040	UPDATE REGIONAL PLANS: Regional plans and policies need to be updated to acknowledge the importance of fuel reduction efforts and facilitate implementation of these efforts	01/25/08	Lauri Kemper	Permit Streamlining WG	WFC	N		Replaced by V-109 on 2/18/08.
V-041	DELINEATING SEZ'S: There is a need to facilitate project planning in SEZs.	01/25/08	Lauri Kemper	Permit Streamlining WG	WFC	N		Replaced by V-109 on 2/18/08.

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V-042	CENTRALIZE RESEARCH EFFORTS: There is a need to centralize research efforts.	01/25/08	Lauri Kemper	Permit Streamlining WG	WFC	N		Replaced by V-109 on 2/18/08.
V-043	EMERGENCY DECLARATIONS: Lake Tahoe is in need of urgent fire mitigation actions across a wide spectrum of fire suppression, economic, fuels management, planning and regulatory streamlining improvements. Both State and Federal Emergency Declarations will assist in providing all possible solutions as rapidly as possible to protect the public safety and environment of Lake Tahoe, without sacrificing necessary environmental protections.	01/27/08	Kate Dargan	Commissioner	LFPC			Tabled until 3/6/08 for further discussion.
V-044	INADEQUATE FUNDING #2: Public agencies have proposed to reduce fuel hazards and restore forests on approximately 68,000 acres over the next 10 years at an estimated cost of approximately \$230 million. Sufficient funding sources have not been identified that can commit funds to increase capacity (staff, consultants, contractors) to plan and implement projects.	01/27/08	Steve Holl	Steve Holl Consulting	LFPC			Tabled until 3/6/08 for further discussion.
V-045	BIOMASS: Open burning produces about 87 lbs. of emissions per ton of wood material burned. Controlled combustion (biomass powerplants) produces about 1.4 lbs. of emissions per ton of wood material burned. Except on rare occasions, all open burning in the Tahoe Basin should be banned.	01/27/08	Steve Brink	California Forestry Association	WFC	N		WFC voted "no action" on 2/19/08.
V-046	UNIQUE QUALITY OF LAKE TAHOE #2: The beauty and clarity of Lake Tahoe are linked with the ecological health of its surrounding watershed.	01/28/08	William Key	California Licensed Foresters Association	LFPC	N		LFPC voted "no action" on 2/19/08.
V-047	FOREST MANAGEMENT: Extensive areas of the Tahoe Basin are overstocked in comparison with pre-European reference conditions. Vegetative overstocking is highly correlated with threats to forest health including wildfire, insects and diseases.	01/28/08	William Key	California Licensed Foresters Association	WFC			WFC voted "no action" on 2/19/08.
V-048	FIRE ECOLOGY: Fire, both human and lightening sparked, is part of the natural cycle in the Tahoe Basin.	01/28/08	William Key	California Licensed Foresters Association	WFC			WFC voted "no action" on 2/19/08.
V-049	FIRE ECOLOGY #2: It's unreasonable to expect a return to pre-European fire regimes, which played a major role in shaping ecological reference conditions.	01/28/08	William Key	California Licensed Foresters Association	WFC			WFC voted "no action" on 2/19/08.
V-050	FOREST MANAGEMENT: Forest management, including selective logging, thinning, brush control, tree planting and prescribed fire, is a suite of tools that professional foresters can use to achieve desired present and future vegetative conditions on the ground.	01/28/08	William Key	California Licensed Foresters Association	WFC			WFC voted "no action" on 2/19/08.
V-051	REGULATIONS: Single purpose, "command and control" regulations have failed to maintain and protect resources. Unless reformed, the problem will get worse.	01/28/08	William Key	California Licensed Foresters Association	WFC			WFC voted "no action" on 2/19/08.
V-052	FUNDING: Fuel treatments are expensive, often requiring outside funding. It's unrealistic to expect sufficient outside funding to fully accomplish urgently needed forest management projects in the Tahoe Basin. However, many sites can be treated with reduced or avoided costs - even generate positive cash flow - by the sale of treatment by-products: logs, chips and residues.	01/28/08	William Key	California Licensed Foresters Association	LFPC			LFPC voted "no action" on 2/19/08.
V-053	FUNDING: There are insufficient markets to adequately monetize forest products residual to forest treatments in the Tahoe Basin. Potential products include traditional dimensional lumber, hogfuel, landscaping materials and soil amendments, as well as emerging products such as feedstock for biofuel production.	01/28/08	William Key	California Licensed Foresters Association	LFPC			LFPC voted "no action" on 2/19/08.
V-054	FOREST MANAGEMENT: Focusing treatments only on the so-called "WUI" - wildland urban interface zone - may be tempting to policymakers hoping to avoid place-based conflict. However, vegetative overstocking occurs Basin-wide and its remedy requires an integrated approach.	01/28/08	William Key	California Licensed Foresters Association	WFC	N		WFC voted "no action" on 2/19/08.
V-055	FOREST MANAGEMENT: There is a lack of adequate data on the impacts of mechanized and other types of forest thinning on water quality and soil health.	01/28/08	Martin Goldberg	Lake Valley Fire Protection District	WFC			WFC requested re-write for 3/6/08.

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V-056	FIRE PROTECTION: Section 4129 of the California Public Resources Code should be amended to provide for the protection of SRA by any fire district with in the Tahoe Basin	01/29/08	Jim Little	Long Valley Fire Protection District	CFSC	N		CFSC voted "no action" on 2/19/08.
V-057	FIRE PROTECTION: The State of California and Nevada should support the equipping of the Nevada Air National Guard's 152nd Airlift Wing in Reno with the Modular Airborne Fire Fighting System.	01/29/08	Jim Little	Long Valley Fire Protection District	CFSC	A		Adopted by CFSC w/modifications on 2/19/08.
V-058	FIRE PROTECTION: Should it become necessary to construct a new fire station facility to house CAL FIRE fire engines and staff, it is unknown where such a station could be constructed.	01/30/08	Richard E. Adams	CA-State Parks	CFSC	A		Adopted by CFSC w/modifications on 2/19/08.
V-059	FOREST RESTORATION: The Angora Fire has provided the USFS, States of Nevada and California, and the TRPA and other environmental authorities, with an opportunity to implement forest restoration techniques that can be a model for the rest of the nation. Efforts should be immediately undertaken to restore the forests burned in the Angora Fire.	02/01/08	Bud Hicks and John Upton	Commissioners	WFC	A		Adopted by WFC on 2/19/08.
V-060	SEZs: Fuels removal projects in SEZs can be effectively accomplished using mechanized equipment and ground protection techniques of a kind and in a manner that will adequately mitigate short-term soils compaction and disturbance, thereby reducing negative water quality impacts from such activities.	02/01/08	Bud Hicks and John Upton	Commissioners	WFC	A		Adopted w/modifications by WFC, with Recs. 2-5 moved to V-109 on 2/18/09.
V-061	TRPA OVERSIGHT: There is a need to improve communications between the Tahoe Regional Planning Agency (TRPA) and the States of California and Nevada and to provide enhanced oversight by the two states.	02/01/08	Bud Hicks	Commissioner	LFPC			
V-062	HUMAN SAFETY: The priority of fire safety needs to be explicitly stated in both federal and state legislation as higher than the priority of environmental protection in cases where there is a conflict.	02/02/08	Rick Verbanec	Public	LFPC			
V-063	EDUCATION: A comprehensive wildfire protection education framework "Living With Fire" currently exists in the Tahoe Basin.	02/03/08	James Wright	Commissioner	CFSC	A		Adopted by CFSC on 2/19/08.
V-064	INADEQUATE FUNDING: No long-term, secure funding source exists for the Community Wildfire Protection Plan projects or for pre-fire prevention programs, basin-wide, for defensible space on improved property and vacant lots.	02/06/08	L. Gigliotti	Tahoe Basin Chiefs	LFPC			LFPC adopted 2/19/08.
V-065	INADEQUATE FUNDING: No Basin-wide infrastructure exists representing the Tahoe Basin Fire Chiefs necessary to implement the CWPPs or defensible space programs consistently on a long term regional basis	02/06/08	L. Gigliotti	Tahoe Basin Chiefs	LFPC			
V-066	SEZs:The Lahontan Waterboard has interpreted their regulations to prohibit pile burning in Stream Environment Zones (SEZs). The spreading of chips in SEZs has also been prohibited in most circumstances. This interpretation of the rules creates operational burdens by requiring all material to be removed from the SEZs for disposal.	02/06/08	Christy Daugherty	CAL Fire RPF	WFC	A		Adopted by WFC on 2/18/09.
V-067	BUILDING STANDARDS: The use of appropriate building materials helps prevent homes from ignition in a fire.	02/06/08	Jennifer Quashnick	Sierra Legacy	CFSC			
V-068	DEFENSIBLE SPACE: Under the existing process, there has been some confusion and inconsistencies between instructions for meeting Best Management Practices (BMPs) and Defensible Space specifications.	02/06/08	Jennifer Quashnick	Sierra Legacy	CFSC			CFSC voted "no action" on 2/19/08.
V-069	PERMITTING: There are some potential redundancies in the existing Basin permitting processes for projects which remove excess fuels, restore forest health and help homeowners implement defensible space.	02/06/08	Jennifer Quashnick	Sierra Legacy	WFC			Agendize for WFC on 3/6/08.

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V-070	FOREST MANAGEMENT: Forest management policies need to recognize climate change, and integrate mitigation measures (including carbon sequestration, minimizing carbon footprint, etc.) to both reduce contribution to greenhouse gas concentrations and reduce the climate change impact on our environment, including forest and fire management.	02/06/08	Jennifer Quashnick	Sierra Legacy	WFC			WFC voted "no action" on 2/19/08.
V-071	DEFENSIBLE SPACE: Compliance with all requirements of defensible space is lacking in the Basin.	02/06/08	Jennifer Quashnick	Sierra Legacy	CFSC			Tabled until 3/6/08 for further discussion.
V-072	EDUCATION: Comprehensive and unified public education regarding defensible space, ember ignitions, and homeowner responsibility and expectations associated with living in a fire-dependent environment is insufficient.	02/06/08	Jennifer Quashnick	Sierra Legacy	CFSC			Tabled until 3/6/08 for further discussion.
V-073	FUNDING POLICY: When assessing the costs of various forest management options, the cost estimates for different methods must include the costs of environmental mitigation, both on and off of the project site.	02/06/08	Jennifer Quashnick	Sierra Legacy	LFPC			Tabled until 3/6/08 for further discussion.
V-074	FUNDING POLICY: There is a need for local fire districts, rather than regional or state fire agencies, to receive local taxes and implement fire prevention programs with those funds. Local taxes should be tied to local performance goals for community compliance with defensible space.	02/06/08	Jennifer Quashnick	Sierra Legacy	LFPC			
V-075	SEZs: There is a need to appropriately thin our Stream Environment Zones (SEZs) to reduce fire threat while protecting SEZs from environmental harm.	02/06/08	Jennifer Quashnick	Sierra Legacy	WFC	N		WFC voted "no action" on 2/19/08.
V-076	FOREST MANAGEMENT: Salvage Logging of the Burned Portion of Angora Ridge	02/06/08	Steve Campbell	Angora Highlands Fire Safe Chapter	WFC	A		Adopted by WFC on 2/19/08.
V-077	INADEQUATE FUNDING: The Nevada Fire Safe Council is a critically important component in meeting current community protection needs and implementing long term hazardous fuel management plans and projects. The lack of stable funding to support the operating expenses of the Council is a persistent threat to the continued existence of this vitally important organization.	02/06/08	James Wright	NV-State Fire Marshall	LFPC			
V-078	FIRE PROTECTION: Interagency communications during wildland fire occurrences is at times delayed and confusing.	02/08/08	Dave Marlow	USFS	CFSC			
V-079	FIRE PROTECTION: The temporary placement or permanent stationing of a Forest Service Type 3 engine proximal to the North Shore for shorter wildland fire response times is desirable.	02/08/08	Dave Marlow	USFS	CFSC	A		Adopted by CFSC w/modifications on 2/19/08.
V-080	FOREST MANAGEMENT: Fuels reduction treatments implemented on National Forest System wildland-urban interface parcels within the Angora Fire reduced fire behavior from crown fire to surface fire as designed, even under the extreme fire weather conditions experienced on June 24, 2007.	02/08/08	Dave Marlow	USFS	WFC	A		Adopted by WFC on 2/19/08.
V-081	FIRE PROTECTION: Persistent Surveillance is vital to Firefighters and Supporting First Responder Organizations	02/12/08	Sanford Mangold	Airship Surveillance, Ltd.	CFSC			
V-082	DEFENSIBLE SPACE: A strict interpretation of PRC 4291 requiring a 10 foot crown spacing between all trees on a parcel greatly increases defensible space compliance costs	02/13/08	John Pickett	Commissioner	CFSC	N	N	Withdrawn by author. No action.
V-083	URBAN LOTS: California Public Resource Code's requirement that Registered Professional Foresters consult with landowners about fuel loading on small undeveloped urban lots has resulted in a lack of fuels reduction work taking place on those lots and this results in an unsafe condition within urban areas.	02/13/08	John Pickett	Commissioner	CFSC			Tabled until 3/6/08 for further discussion.
V-084	DEFENSIBLE SPACE: A comprehensive Community Conservation Plan (CCP) should be established to address issues related to residential defensible space and water quality protection through best management practice (BMP), and to promote upgrades and the new construction of homes with ignition-resistant designs and materials.	02/13/08	Norma Santiago	El Dorado County Supervisor; TRPA Board; CTC Board	CFSC			

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V-085	FIRE PROTECTION: There is no Cal Fire or Forest Service Helicopter stationed in the Basin.	02/13/08	Brian Barrette	Cal Fire	CFSC			Tabled until 3/6/08 for further discussion, possible inclusion in V-009.
V-086	FIRE PROTECTION: There are currently no Cal Fire Engines stationed in the Basin.	02/13/08	Brian Barrette	Cal Fire	CFSC	N	N	CFSC voted "no action" on 2/19/08. Issue addressed in V-009.
V-087	FIRE PROTECTION: There are no Cal Fire Prevention Positions in the Basin and apparently no Forest Service Prevention Staff funded under the Balancing of Acres agreement.	02/13/08	Brian Barrette	Cal Fire	CFSC	A		Adopted w/modifications by CFSC on 2/8/08.
V-088	DEFENSIBLE SPACE: Property Inspection Records are backlogged due to the lack of Data Recorders.	02/13/08	Brian Barrette	Cal Fire	CFSC			
V-089	DEFENSIBLE SPACE: There Has Been No Studies Undertaken to Determine Whether Current Policy to Spread Out Pine Needles to Cover Bare Ground Results in Less Pollutants Reaching the Lake.	02/13/08	Brian Barrette	Cal Fire	CFSC	N		CFSC voted "no action" on 2/19/08. Issue addressed in V-100.
V-090	DEFENSIBLE SPACE: There is currently a huge backlog of uninspected properties.	02/13/08	Brian Barrette	Cal Fire	CFSC			
V-091	FIRE PROTECTION: There is a Lack of Availability of Hand Crews Such As Cal Fire's Conservation Camps in the Basin Due to Long Travel Times.	02/13/08	Brian Barrette	Cal Fire	CFSC			
V-092	FOREST MANAGEMENT: If we lose the forest global warming wins.	02/13/08	Garry Bowen	Market Texture	WFC			WFC voted "no action" on 2/19/08.
V-093	FIRE PROTECTION: Much of the Tahoe Basin public and private water distribution infrastructure is inadequate to provide the fire flows necessary to meet current fire codes and fire agency needs.	02/14/08	Dennis Cocking	South Tahoe Public Utility District	CFSC			
V-094	DEFENSIBLE SPACE: The current TRPA regulation requiring a permit to remove trees larger than 6 inches diameter at breast height (DBH) should be revisited to provide more flexibility to homeowners trying to create defensible space on their properties.	02/14/08	Mike Vollmer	Tahoe Regional Planning Agency	CFSC	N		CFSC voted "no action" on 2/19/08. Issue addressed in V-010.
V-095	STABLE FUNDING: Fuel reduction/forest restoration efforts in the Lake Tahoe Basin require consistent funding mechanisms.	02/14/08	Steve Chilton	Tahoe Regional Planning Agency	LFPC			
V-096	DATABASE FUNDING: Lake Tahoe is in need of centralized storage and administration of parcel-based wildfire hazard data.	02/14/08	Steve Chilton	Tahoe Regional Planning Agency	LFPC			
V-097	DEFENSIBLE SPACE: The current TRPA regulation requiring a "Qualified Forester" to mark trees for defensible space should be revisited to provide more flexibility to fire protection districts and homeowners trying to create defensible space on their properties.	02/14/08	Mike Vollmer	Tahoe Regional Planning Agency	CFSC	A		CFSC adopted 2/19/08.
V-098	STEEP SLOPES: Current regulations prohibit the use of machines to remove excessive fuels on slopes >30%, increasing implementation costs and emissions from burning and reducing biomass availability.	02/14/08	Steve Holl	Steve Holl Consulting	WFC			WFC voted "no action" on 2/19/08. Issue is addressed under V-005 and V-109.
V-099	FUNDING: It may become necessary for the States of California and Nevada to provide supplemental funding to the TRPA for the current fiscal period to meet additional obligations imposed upon it if the Commission's various recommendations are implemented by the Governors.	2/14/08	Bud Hicks	Commissioner	LFPC			
V-100	DEFENSIBLE SPACE: Implementing agencies in the Lake Tahoe Basin have failed to provide homeowners with a consistent message regarding defensible space and erosion control Best Management Practices (BMPs).	2/15/08	Martin Goldberg	Defensible Space/BMP Working Group	CFSC	M		Held for incorporation of additional Defensible Space issues and action on 3/6/08.
V-101	GOVERNANCE: Compared to the permitting process for fuels reduction projects in Nevada, projects in California are subject to an additional layer of permitting requirements by the Lahontan Region Water Quality Control Board ("LRWQCB"). This added regulatory layer has resulted in project delay, increased costs for permitting and project implementation, deletion of critical components from projects, and reduced project scope due to its imposed increased costs.	2/15/08	Bud Hicks, John Upton, and Ron McIntyre	Commissioners	LFPC			
V-102	FUNDING: There is a need for a Basin wide organization that is suitably financed and organized to assist in the implementation of Community Wildfire Prevention Plans ("CWPPs"), defensible space and other pre-fire prevention programs, single source information services, and public education regarding fire safety practices.	2/15/08	Bud Hicks, John Upton, and Ron McIntyre	Commissioners	LFPC			

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V-103	ORDINANCES AND FUNDING: Many existing structures in the Tahoe Basin do not meet current building codes and standards relating to fire safety. Consequently, there is a need to require the retrofitting of such structures to make them safer from the hazards of catastrophic fire within the Basin.	2/15/08	Bud Hicks, John Upton, and Ron McIntyre	Commissioners	LFPC			
V-104	FUNDING: Requests for funding or approval of fuels treatment projects within the Tahoe Basin WUI should be given first priority by all funding sources, permitting agencies, and land managers in order to obtain maximum protection of the public's safety and property from catastrophic fire.	2/15/08	Bud Hicks, John Upton, Ron McIntyre, and John Pickett	Commissioners	LFPC			
V-105	FUNDING: There is a need to provide for local funding of fire prevention and fire safety projects in the wildland urban interfaces areas of the Tahoe Basin by the various counties and cities within the Basin. Special Assessment Districts or other similar funding mechanisms should be created and put in place to address fire prevention and fire safety funding matters.	2/15/08	Bud Hicks	Commissioner	LFPC			
V-106	FOREST MANAGEMENT: Forests in the Lake Tahoe Basin are overly dense. Fuels treatments including thinning and prescribed fire have proven to be effective at modifying fire behavior during extreme fire conditions. These fuel treatments provide a safe area for firefighters to operate and improve the chances of tree survival following catastrophic fire.	2/15/08	Kathy Murphy	WFC Member	WFC	M		Staff to incorporate into other F&Rs by 3/6/08.
V-107	INADEQUATE FUNDING: There is currently inadequate funding in the Lake Tahoe Basin to adequately support the fuels reduction programs on local government and private property in the Lake Tahoe Basin.	2/15/08	John Pickett	Commissioner	LFPC			
V-108	RESEARCH: A synthesis of research efforts is needed to be available in a centralized place so that fire practitioners and regulatory agencies have a common understanding of the most recent scientific information pertaining to fuel reduction projects.	2/15/08	Tricia York	Science & Technology Working Group	LFPC			
V-109	PERMIT STREAMLINING: The existing system to permit fuel reduction projects outside of urban areas is often confusing, sometimes redundant and complex.	2/15/08	Jeff Cowen	Permit Streamlining WG	WFC	M		Adopted w/modifications by WFC on 2/8/08. Agendize Recommendation #4 for WFC on 3/6/08.
V-110	FOREST MANAGEMENT: The Angora Fire burned approximately 3,100 acres of land in June 2007. Completed projects have, and pending projects will continue, to focus on removing hazard trees and, where appropriate, implementing post-burn management of areas surrounding homes, roads, Forest Service Roads and Trails and other miscellaneous facilities. The USFS has not yet begun the process to determine how to manage the remaining portions of the burn area, which constitutes over 2,000 acres.	2/15/08	Jennifer Quashnick	Sierra Legacy	WFC			WFC voted "no action" on Recs #1 and #3; staff reviewing Rec #2 for inclusion elsewhere, 2/19/08.
V-111	DEFENSIBLE SPACE: There is a need for clear and consistent messaging regarding the appropriate ground cover options which meet defensible space needs without compromising water quality protections.	2/15/08	Jennifer Quashnick	Sierra Legacy	CFSC	N		CFSC voted "no action" on 2/19/08. Issue addressed in V-100.
V-112	FOREST MANAGEMENT: There is a need to perform forest management and fuel reduction in the Lake Tahoe Basin with a consideration of a likelihood of higher levels of ozone for a greater portion of the year as a result of climatic warming.	2/15/08	Jennifer Quashnick	Sierra Legacy	WFC			WFC voted "no action" on 2/19/08.
V-113	FOREST MANAGEMENT: There is a need to perform more appropriate thinning in the Basin's forests to achieve ecological and fire-related forest health goals.	2/15/08	Jennifer Quashnick	Sierra Legacy	WFC			Staff to incorporate into other F&Rs.
V-114	FIRE PROTECTION: Most fire ignitions in the Tahoe Basin are caused by humans. There is a need to take measures to reduce the potential for human-caused fires especially during times when weather and environmental conditions increase the likelihood that a fire will burn uncharacteristically.	2/15/08	Jennifer Quashnick	Sierra Legacy	CFSC			CFSC voted "no action" on 2/19/08.

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V-115	FIRE PROTECTION: Research shows that humans are responsible for most of the wildland fire acres burned in the Lake Tahoe basin. Reducing human ignitions of fires is a critical strategy for reducing wildfire losses in the Lake Tahoe Basin. Other jurisdictions have initiated such fire prevention programs that have proven quite effective	2/15/08	Amy Horne	Commissioner	CFSC			
V-116	FUNDING – Capacity and Possibilities . While the price of fighting fires gets higher and higher, the costs to all of us are approaching stratospheric in terms of the loss of ecosystem services which are part of our fundamental existence.	2/15/08	Garry Bowen	Market Texture	LFPC			
V-117	FIRE PROTECTION: The 'built environment' in fire-prone areas such as Tahoe and elsewhere would be best to be rebuilt in ways that will not contribute to significant societal downsides in the future.	2/15/08	Garry Bowen	Market Texture	CFSC	N		CFSC voted "no action" on 2/19/08.
V-118	RISK ANALYSIS:Resource managers and regulators need tools to objectively evaluate competing risks to humans and the environment to assist them to make decisions that control multiple risks to levels that people accept.	2/15/08	Amy Horne	Commissioner	WFC			WFC requested clarification from author on cost asanalysis, 2/18/08.
V-119	FIRE PROTECTION: Residents of the Tahoe Basin need an easy way to identify the wildfire hazard to their home and what steps they can take to reduce that hazard.	2/15/08	Amy Horne	Commissioner	CFSC	N		CFSC voted "no action" on 2/19/08.
V-120	FUNDING FOR PUBLIC OUTREACH: There is a significant lack of funding for coordinated outreach and education in the Tahoe Region targeting individual property owners with messages about wildfire safety.	2/15/08	Andrew List	Nevada Fire Safe Council	LFPC			